

State Injury Profile for Kentucky

About the State Injury Profiles...

Following this introduction you will find the injury profile for your state and the nation. The maps and tables contain information on injury deaths and death rates; however, it is important to remember that hundreds of thousands of Americans are nonfatally injured each year, many of whom suffer permanent disabilities. Your state injury profile includes:

- The 10 leading causes of death by age group for your state and the nation. These charts contain the total number of deaths for the three-year period 1995 through 1997. The summary table at the bottom of each page shows the total number of injuries across all ages for the same three-year period and the average number of deaths per year.
- The tables on the next page show the number of deaths for your state and the nation for the leading causes of injury death (separated by the type of injury—unintentional, suicide, and homicide) for the same three-year period.
- The next pages contain U.S. maps indicating the death rate per 100,000 persons for all states over a three-year period (1995-1997) for the leading causes of injury death. Beneath each map is a graph showing the death rate over a 10-year period (1988-1997). These maps and graphs will allow you to compare death rates for your state to other states and understand the 10-year trend in your state compared to the U.S. trend.
- The last two maps in the Profile give death-rate data and 10-year trends for two of the most frequent and disabling types of injury-related deaths: traumatic brain injury-related deaths, which can be caused by falls, firearms, motor-vehicle crashes, or other causes; and firearm-related deaths, unintentional or the result of homicide or suicide.

This State Injury Profile 2000 is presented as an appendix to the Centers for Disease Control and Prevention (CDC) Injury Fact Book, *Working to Prevent and Control Injury in the United States*. The Fact Book contains information regarding the cost of injury and the value of prevention, the work of CDC's National Center for Injury Prevention and Control, and the Safe USA Partnership Council. The Fact Book also contains fact sheets for many of the leading causes of injury death. Additional information can also be obtained from—

- The CDC National Center for Injury Prevention and Control web site: <http://www.cdc.gov/ncipc/>
- The CDC National Center for Injury Prevention and Control, Office of Planning, Evaluation, and Legislation: 770-488-4936
- Safe USA web site: <http://www.cdc.gov/safe/>
- Safe USA toll-free number: 1-888-252-7751

United States

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 19,113	Unintentional Injuries 6,432	Unintentional Injuries 4,734	Unintentional Injuries 5,614	Unintentional Injuries 41,018	Unintentional Injuries 38,858	Malignant Neoplasms 51,258	Malignant Neoplasms 134,242	Malignant Neoplasms 261,040	Heart Disease 1,834,538	Heart Disease 2,197,898
2	Short Gestation 11,760	Congenital Anomalies 1,922	Malignant Neoplasms 1,593	Malignant Neoplasms 1,491	Homicide 19,978	HIV 23,935	Unintentional Injuries 43,023	Heart Disease 104,809	Heart Disease 201,533	Malignant Neoplasms 1,147,043	Malignant Neoplasms 1,617,565
3	SIDS 9,438	Malignant Neoplasms 1,350	Congenital Anomalies 706	Homicide 1,023	Suicide 13,328	Suicide 17,825	Heart Disease 40,047	Unintentional Injuries 29,523	Bronchitis Emphysema Asthma 30,143	Cerebro-vascular 419,616	Cerebro-vascular 477,724
4	Respiratory Distress Synd. 4,117	Homicide 1,247	Homicide 510	Suicide 931	Malignant Neoplasms 4,919	Homicide 16,665	HIV 39,570	HIV 17,951	Cerebro-vascular 29,087	Bronchitis Emphysema Asthma 274,359	Bronchitis Emphysema Asthma 317,955
5	Maternal Complications 3,802	Heart Disease 680	Heart Disease 387	Congenital Anomalies 647	Heart Disease 3,106	Malignant Neoplasms 14,327	Suicide 19,938	Cerebro-vascular 16,960	Diabetes 24,987	Pneumonia & Influenza 226,837	Unintentional Injuries 283,912
6	Placenta Cord Membranes 2,871	Pneumonia & Influenza 504	HIV 288	Heart Disease 554	HIV 1,318	Heart Disease 10,097	Homicide 11,689	Liver Disease 16,300	Unintentional Injuries 20,719	Diabetes 138,117	Pneumonia & Influenza 253,099
7	Unintentional Injuries 2,356	HIV 411	Pneumonia & Influenza 221	Bronchitis Emphysema Asthma 294	Congenital Anomalies 1,254	Cerebro-vascular 2,118	Liver Disease 10,853	Suicide 14,317	Liver Disease 15,921	Unintentional Injuries 91,315	Diabetes 183,657
8	Perinatal Infections 2,321	Septicemia 236	Bronchitis Emphysema Asthma 143	Pneumonia & Influenza 184	Bronchitis Emphysema Asthma 684	Diabetes 1,881	Cerebro-vascular 8,281	Diabetes 12,589	Pneumonia & Influenza 10,830	Alzheimer's Disease 63,461	Suicide 92,722
9	Pneumonia & Influenza 1,409	Perinatal Period 222	Benign Neoplasms 132	HIV 180	Pneumonia & Influenza 630	Pneumonia & Influenza 1,724	Diabetes 5,581	Bronchitis Emphysema Asthma 8,395	Suicide 8,675	Nephritis 62,838	HIV 90,761
10	Intrauterine Hypoxia 1,355	Benign Neoplasms 189	Anemias 98	Cerebro-vascular 135	Cerebro-vascular 527	Liver Disease 1,690	Pneumonia & Influenza 4,335	Pneumonia & Influenza 6,405	Septicemia 5,350	Septicemia 52,315	Liver Disease 75,444

United States Total Number of Injury Deaths

Cause	Deaths	Percent
Unintentional Injury	283,912	64.5%
Intentional	156,434	35.5%
Total (1995-1997)	440,346	100.0%

Average Number of Injury Deaths per Year
In the United States = **146,782**

Kentucky

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 326	Unintentional Injuries 103	Unintentional Injuries 93	Unintentional Injuries 92	Unintentional Injuries 882	Unintentional Injuries 734	Malignant Neoplasms 823	Malignant Neoplasms 2,482	Malignant Neoplasms 5,010	Heart Disease 29,467	Heart Disease 36,559
2	SIDS 120	Congenital Anomalies 34	Malignant Neoplasms 27	Malignant Neoplasms 15	Suicide 201	Suicide 282	Heart Disease 816	Heart Disease 2,053	Heart Disease 3,907	Malignant Neoplasms 18,159	Malignant Neoplasms 26,842
3	Short Gestation 119	Malignant Neoplasms 21	Congenital Anomalies 10	Congenital Anomalies 12	Homicide 174	Malignant Neoplasms 234	Unintentional Injuries 684	Unintentional Injuries 492	Bronchitis Emphysema Asthma 691	Cerebro-vascular 6,654	Cerebro-vascular 7,553
4	Unintentional Injuries 65	Heart Disease 12	Pneumonia & Influenza 7	Suicide 10	Malignant Neoplasms 68	Heart Disease 212	Suicide 319	Cerebro-vascular 248	Cerebro-vascular 480	Bronchitis Emphysema Asthma 4,798	Bronchitis Emphysema Asthma 5,752
5	Maternal Complications 61	Homicide 11	Homicide 6	Heart Disease 8	Heart Disease 57	Homicide 175	HIV 180	Liver Disease 228	Diabetes 392	Pneumonia & Influenza 3,752	Unintentional Injuries 5,244
6	Respiratory Distress Synd. 39	Septicemia 6	Benign Neoplasms 2	Homicide 8	Congenital Anomalies 29	HIV 147	Homicide 165	Suicide 211	Unintentional Injuries 373	Diabetes 2,247	Pneumonia & Influenza 4,112
7	Placenta Cord Membranes 33	Meningo-coccal 5	Meningitis 2	Bronchitis Emphysema Asthma 5	Bronchitis Emphysema Asthma 12	Cerebro-vascular 37	Liver Disease 146	Diabetes 191	Liver Disease 246	Unintentional Injuries 1,725	Diabetes 2,958
8	Intrauterine Hypoxia 25	Pneumonia & Influenza 5	Nephritis 2	Benign Neoplasms 3	HIV 9	Liver Disease 29	Cerebro-vascular 118	Bronchitis Emphysema Asthma 184	Pneumonia & Influenza 188	Nephritis 1,315	Nephritis 1,529
9	Perinatal Infections 22	Benign Neoplasms 4	Septicemia 2	Cerebro-vascular 3	Pneumonia & Influenza 9	Diabetes 24	Diabetes 96	Homicide 90	Suicide 153	Alzheimer's Disease 1,142	Suicide 1,456
10	Homicide 17	Cerebro-vascular 2	2 Tied	Diabetes 3	Cerebro-vascular 6	Bronchitis Emphysema Asthma 19	Pneumonia & Influenza 52	Pneumonia & Influenza 73	Nephritis 104	Septicemia 950	Septicemia 1,171

Kentucky Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	5,244	70.5%
Intentional Injury	2,195	29.5%
Total (1995-1997)	7,439	100.0%

Average Number of Injury Deaths per Year
In Kentucky = **2,480**

1995-1997 Leading Causes of Death

Unintentional Injury

United States Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	127,193	44.8%
Fall	33,633	11.8%
Poisoning	28,745	10.1%
Suffocation	12,987	4.6%
Drowning	12,360	4.4%
Fire/Burn	11,304	4.0%
Other Causes	57,690	20.3%
	283,912	100.0%

Kentucky Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	2,457	46.9%
Fall	446	8.5%
Poisoning	335	6.4%
Suffocation	282	5.4%
Fire/Burn	257	4.9%
Other Causes	1,467	28.0%
	5,244	100.1%

Intentional Injury

United States Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	54,235	58.5%
Suffocation	15,960	17.2%
Poisoning	15,355	16.6%
Other Causes	7,172	7.7%
	92,722	100.0%

Kentucky Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,052	72.3%
Suffocation	176	12.1%
Poisoning	165	11.3%
Other Causes	63	4.3%
	1,456	100.0%

United States Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	43,684	68.6%
Cut/Pierce	7,647	12.0%
Suffocation	2,327	3.7%
Other Causes	10,054	15.8%
	63,712	100.0%

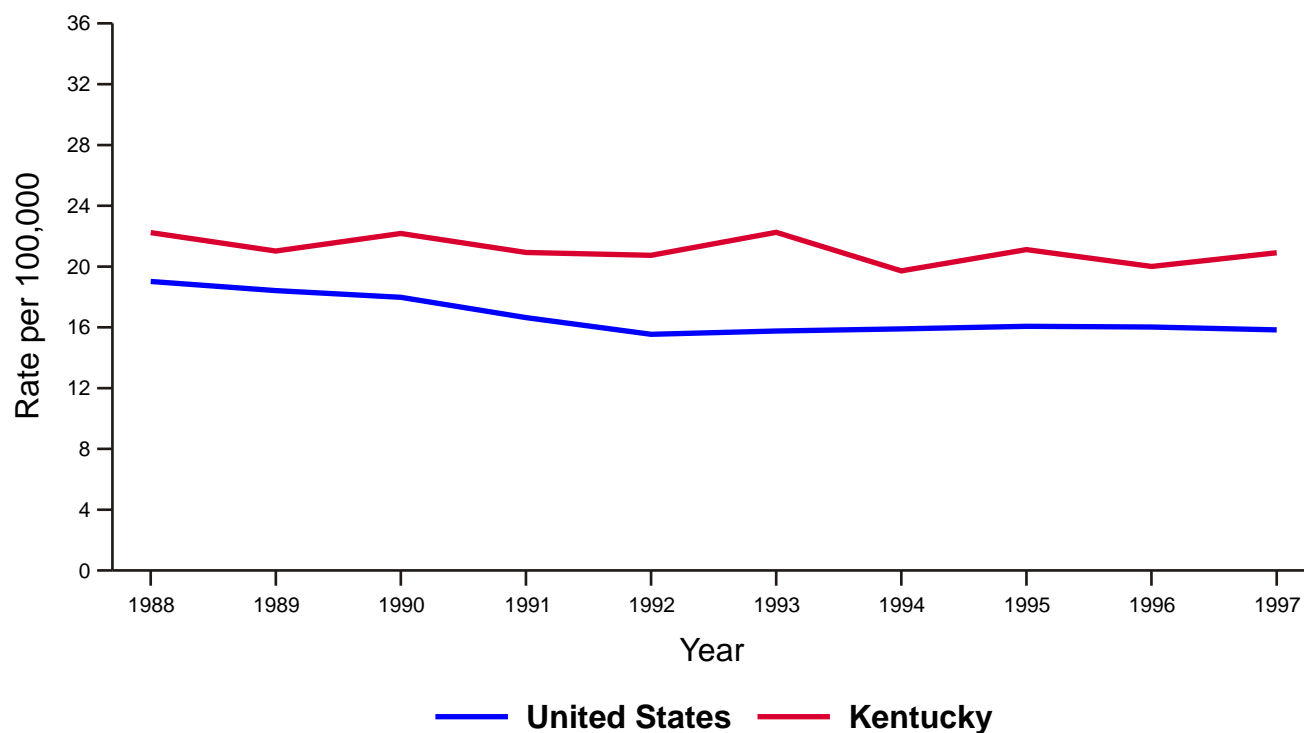
Kentucky Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	490	66.3%
Cut/Pierce	91	12.3%
Suffocation	33	4.5%
Other Causes	125	16.9%
	739	100.0%

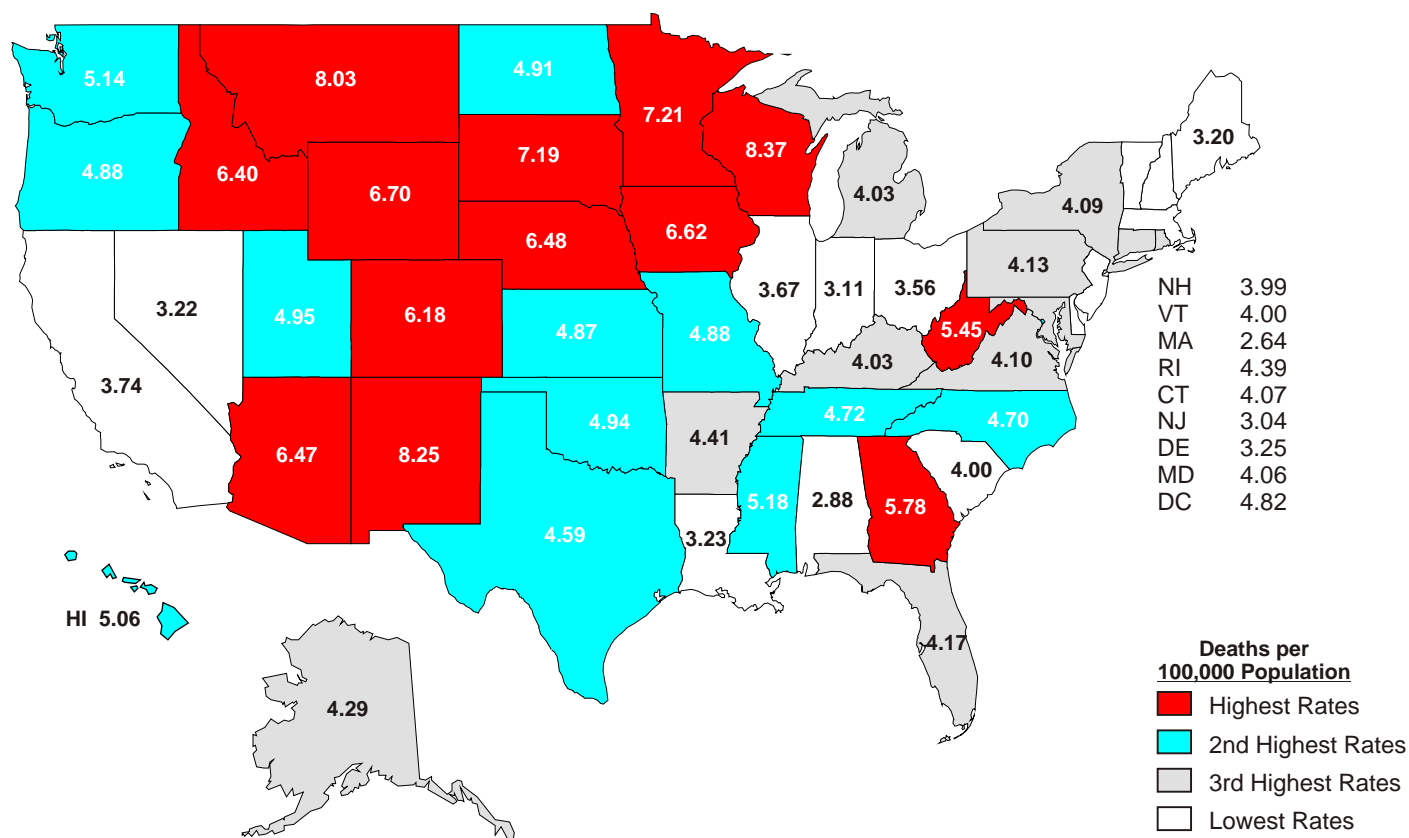
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1995-1997



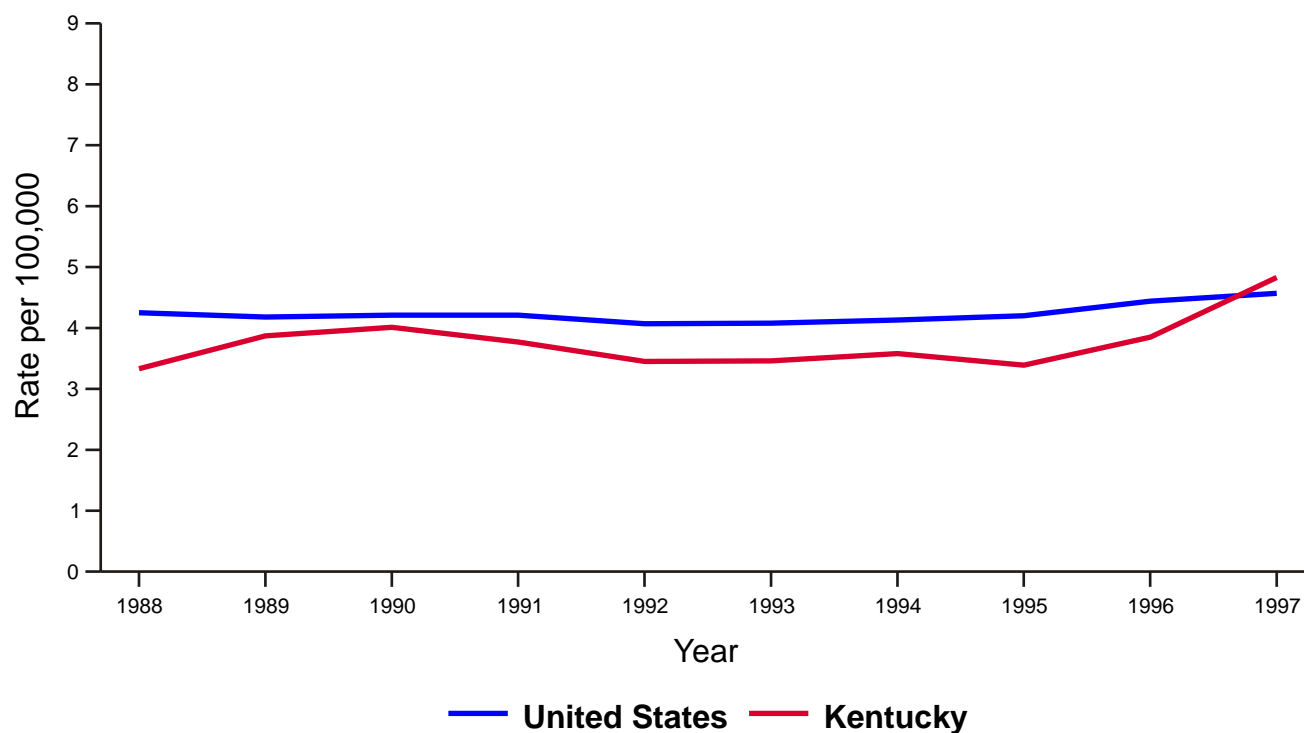
United States and Kentucky 1988-1997



Unintentional Fall Death Rates United States, 1995-1997



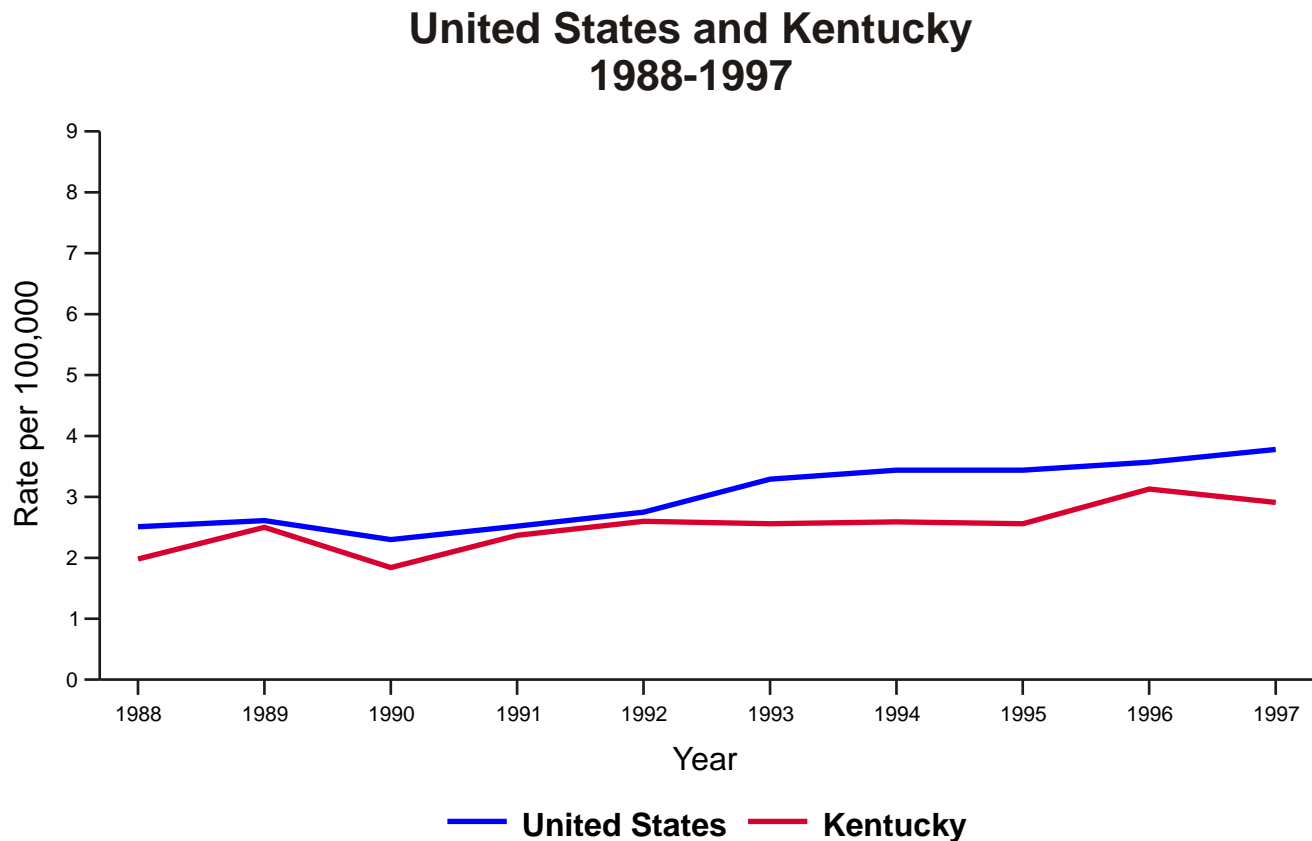
United States and Kentucky 1988-1997



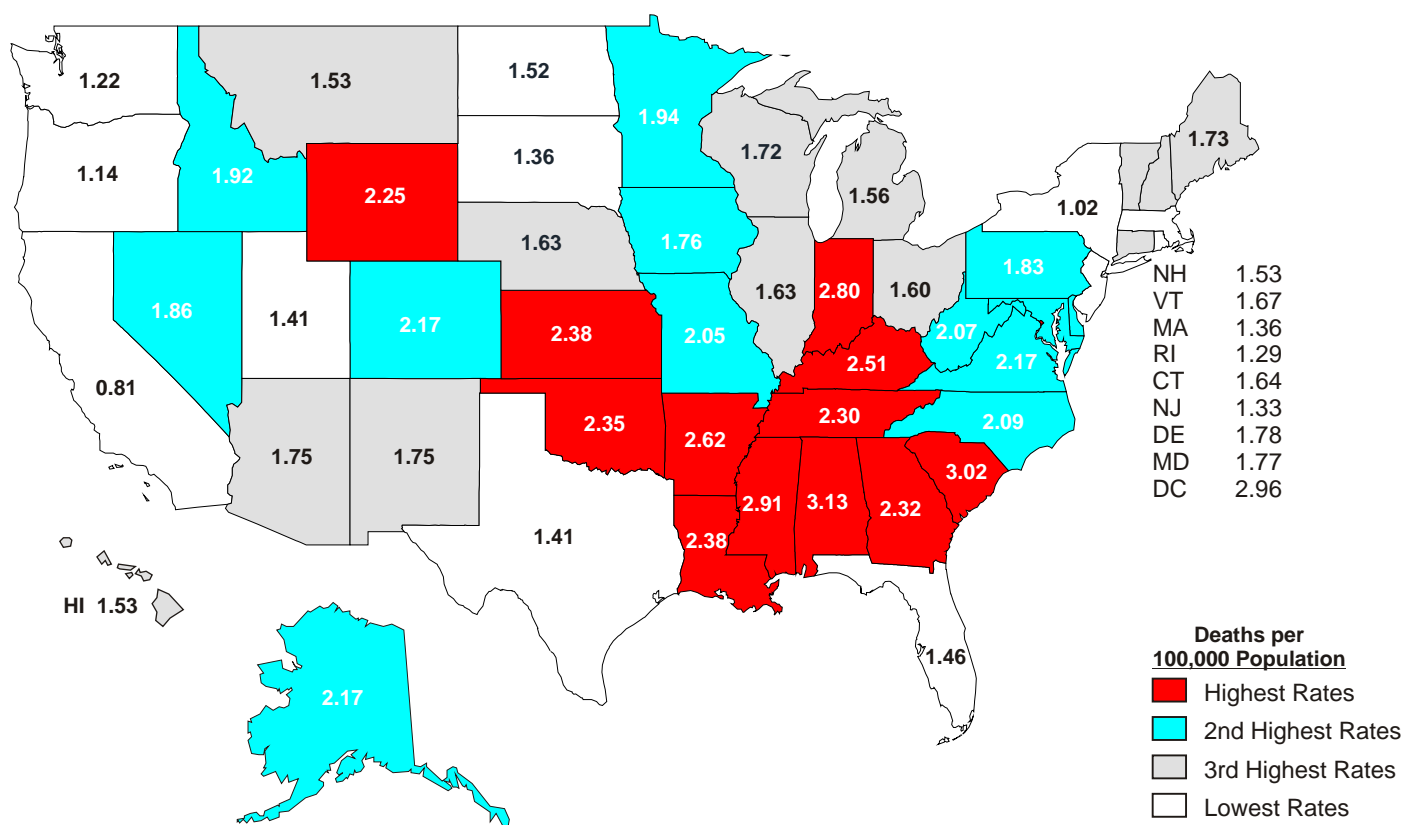
Deaths per 100,000 Population

- Highest
- 2nd Highest
- 3rd Highest
- Lowest

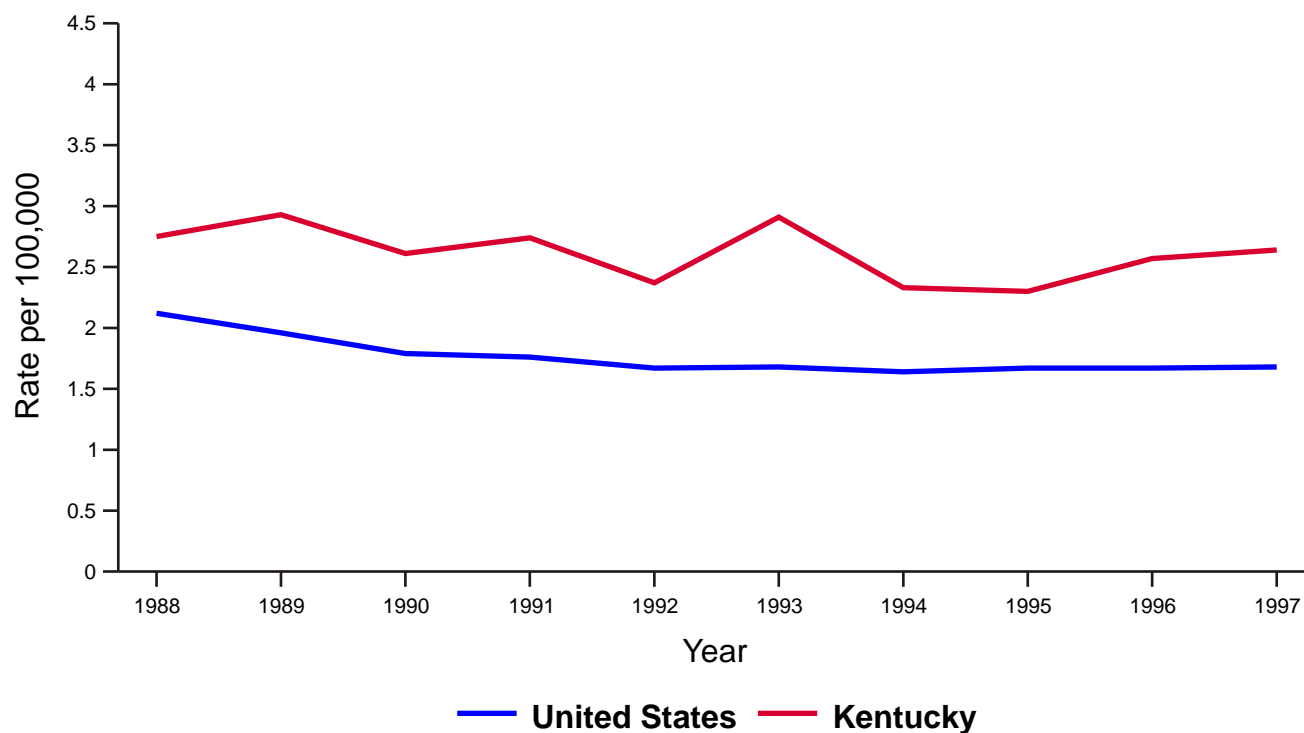
State	Deaths per 100,000 Population
WA	5.22
OR	5.21
CA	5.79
NV	4.49
MT	1.62
WY	1.30
SD	1.49
NE	1.27
KS	1.57
OK	10.34
CO	6.59
UT	2.57
NM	3.78
TX	3.35
LA	2.42
MS	1.66
AL	2.19
GA	2.57
FL	3.26
SC	2.95
NC	2.70
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	5.14
PA	6.14
IN	3.81
MI	1.81
WI	1.49
IL	2.69
MO	1.55
IA	1.47
OH	2.45
WV	1.64
PA	2.87
MD	1.83
DE	1.66
GA	2.19
SC	2.57
NC	2.95
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	5.14
PA	6.14
IN	3.81
MI	1.81
WI	1.49
IL	2.69
MO	1.55
IA	1.47
OH	2.45
WV	1.64
PA	2.87
MD	1.83
DE	1.66
GA	2.19
SC	2.57
NC	2.95
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	5.14
PA	6.14
IN	3.81
MI	1.81
WI	1.49
IL	2.69
MO	1.55
IA	1.47
OH	2.45
WV	1.64
PA	2.87
MD	1.83
DE	1.66
GA	2.19
SC	2.57
NC	2.95
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	5.14
PA	6.14
IN	3.81
MI	1.81
WI	1.49
IL	2.69
MO	1.55
IA	1.47
OH	2.45
WV	1.64
PA	2.87
MD	1.83
DE	1.66
GA	2.19
SC	2.57
NC	2.95
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	5.14
PA	6.14
IN	3.81
MI	1.81
WI	1.49
IL	2.69
MO	1.55
IA	1.47
OH	2.45
WV	1.64
PA	2.87
MD	1.83
DE	1.66
GA	2.19
SC	2.57
NC	2.95
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	5.14



Unintentional Suffocation Death Rates United States, 1995-1997



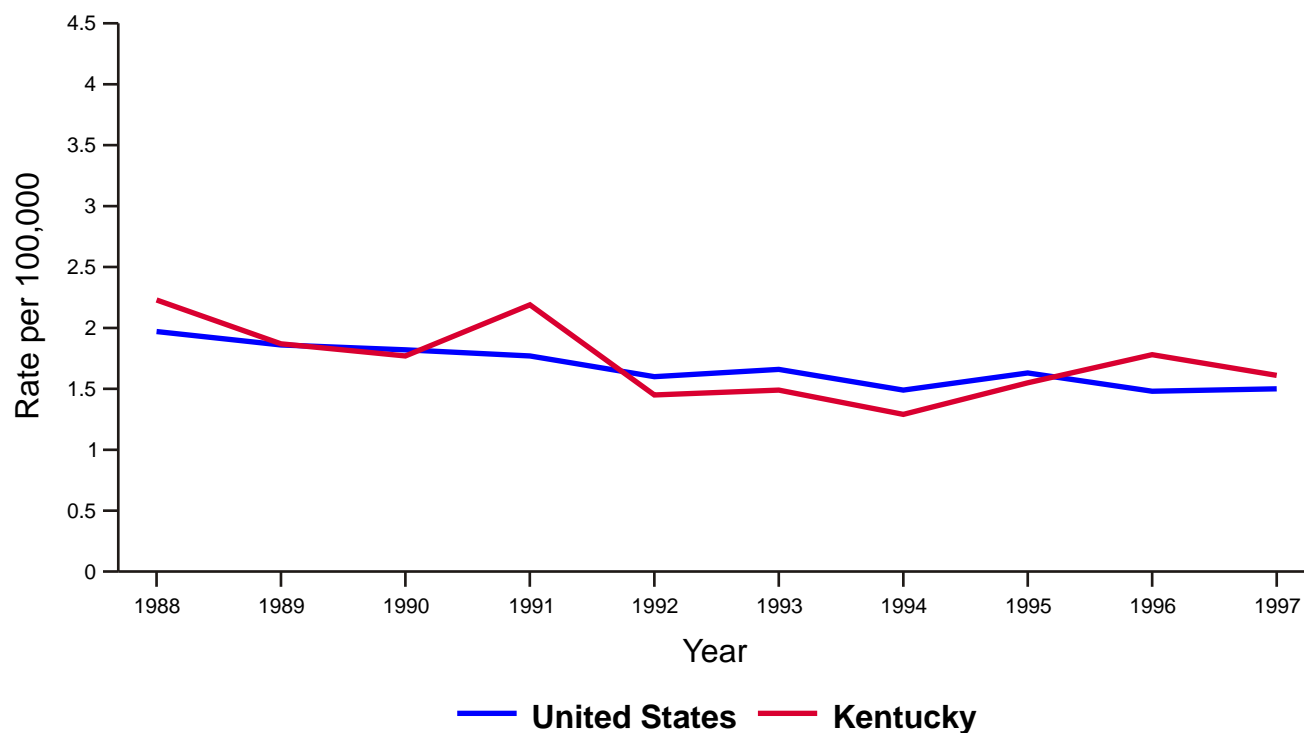
United States and Kentucky 1988-1997



Unintentional Drowning Death Rates United States, 1995-1997



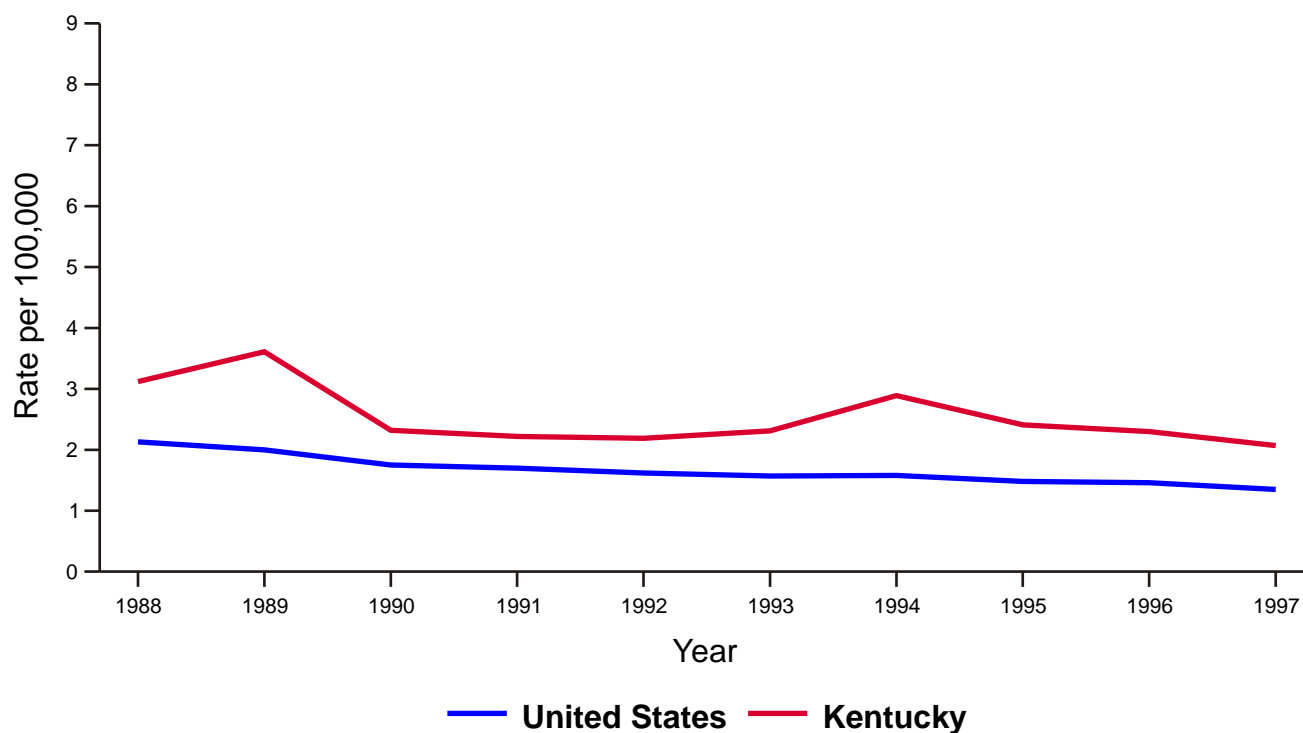
United States and Kentucky 1988-1997



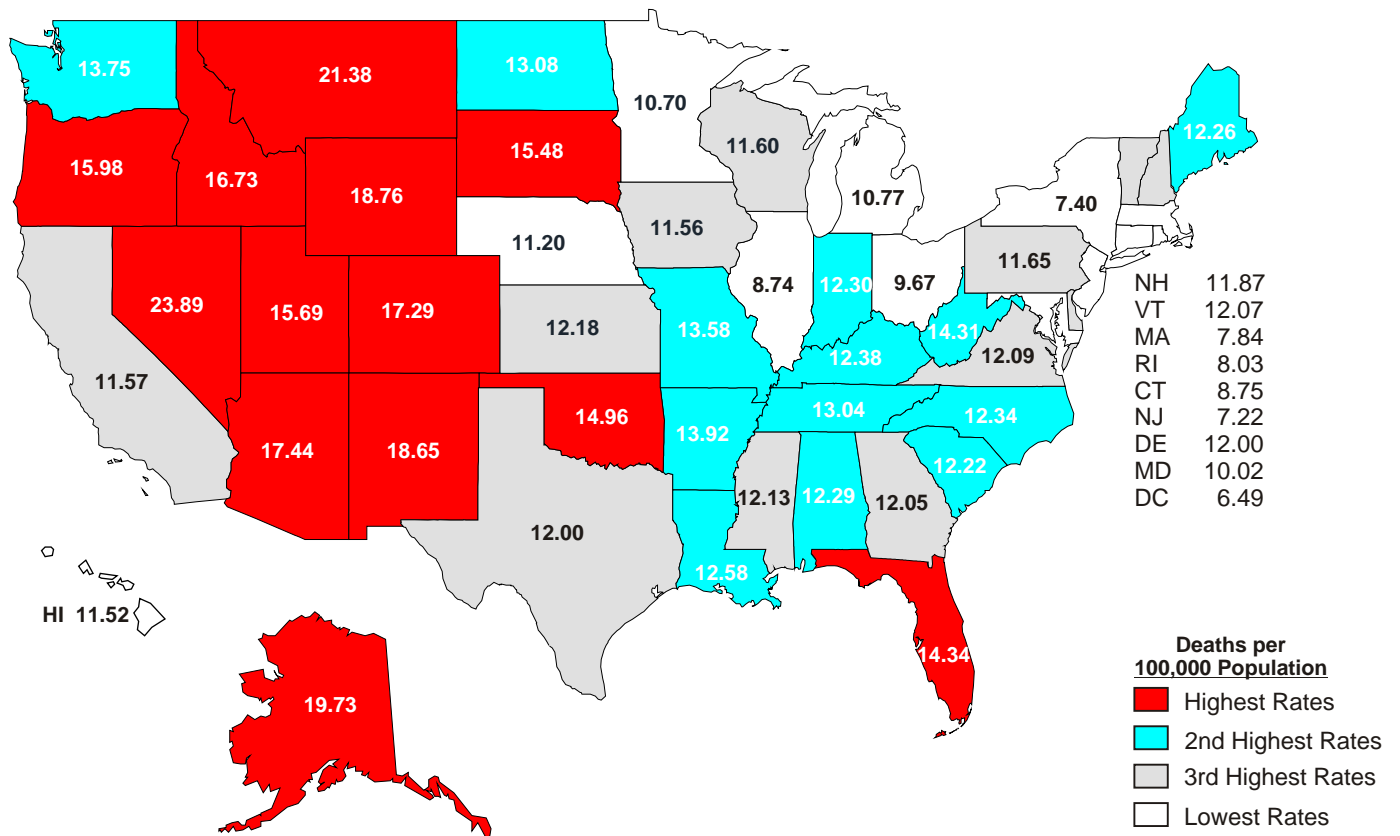
Unintentional Fire and Burn-Related Death Rates United States, 1995-1997



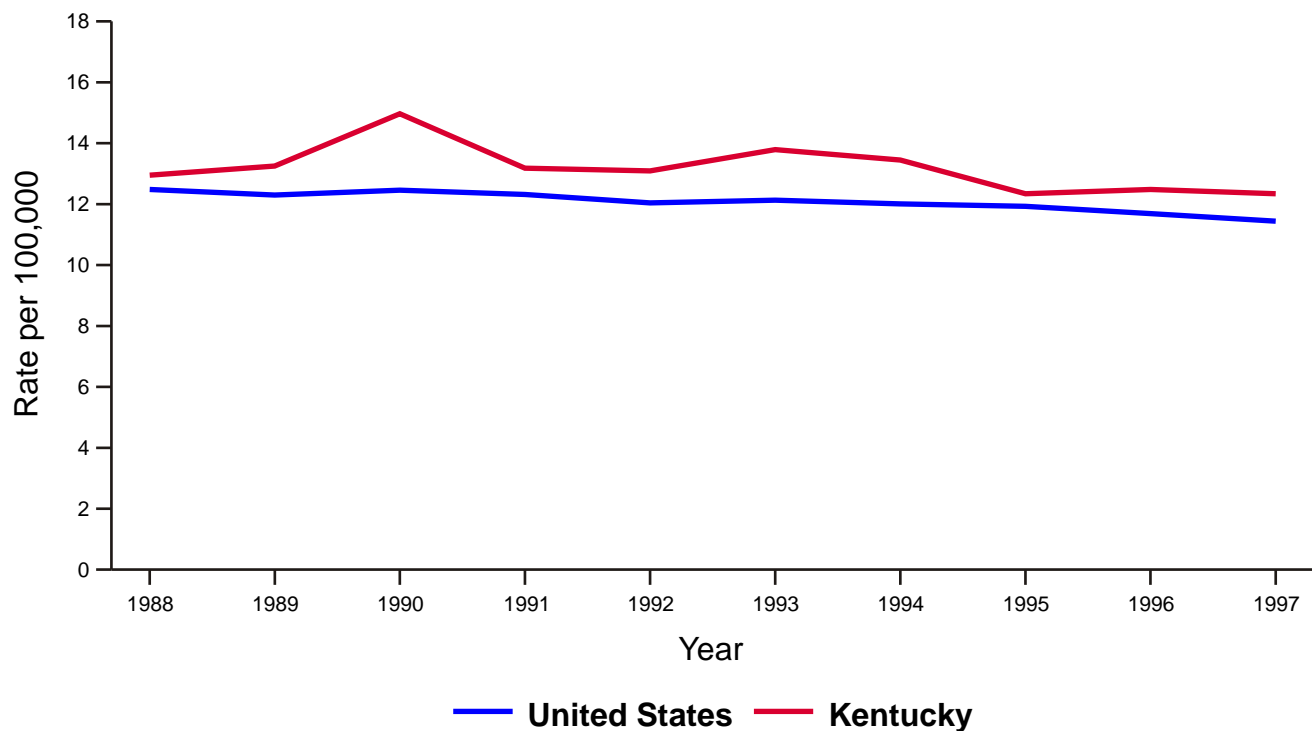
United States and Kentucky 1988-1997



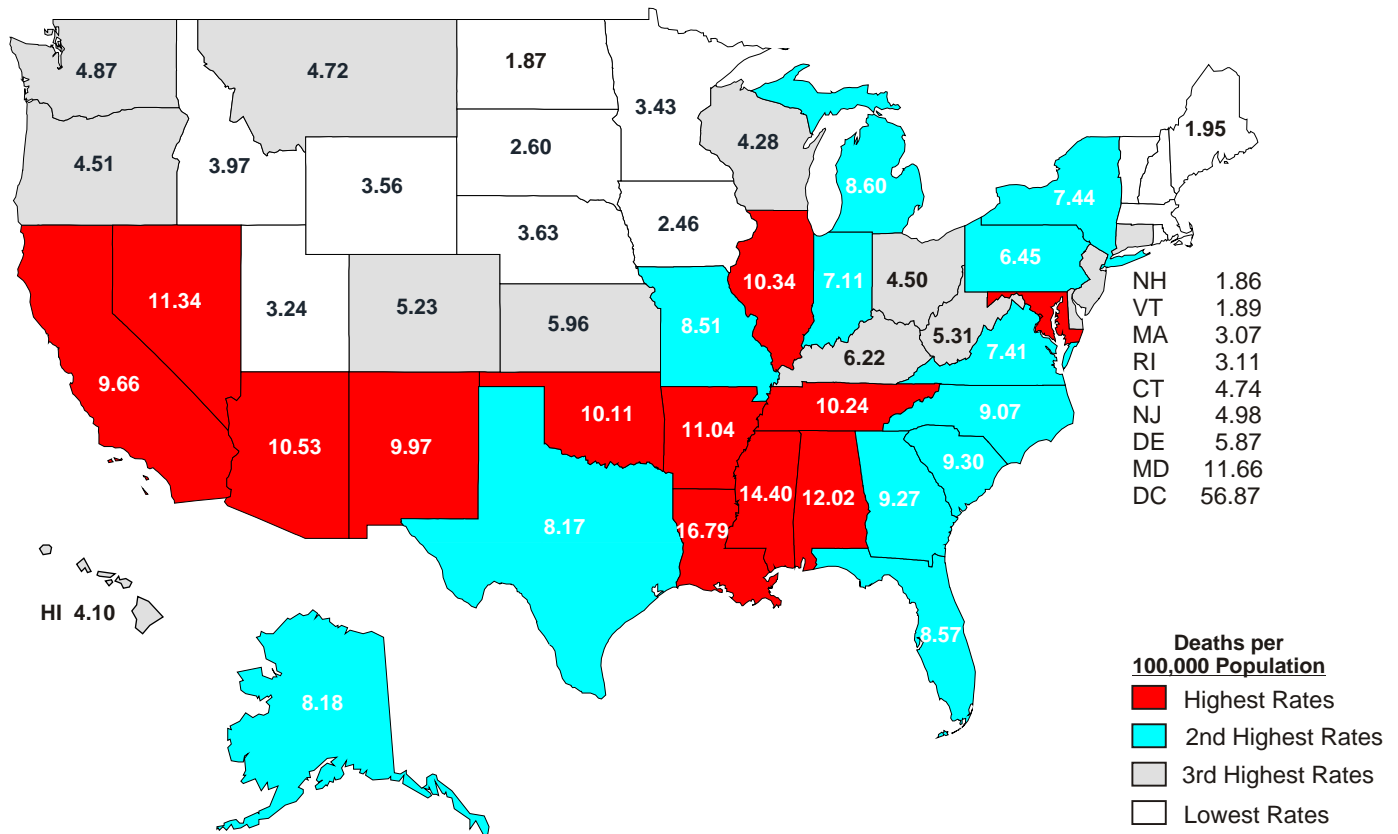
Suicide Death Rates United States, 1995-1997



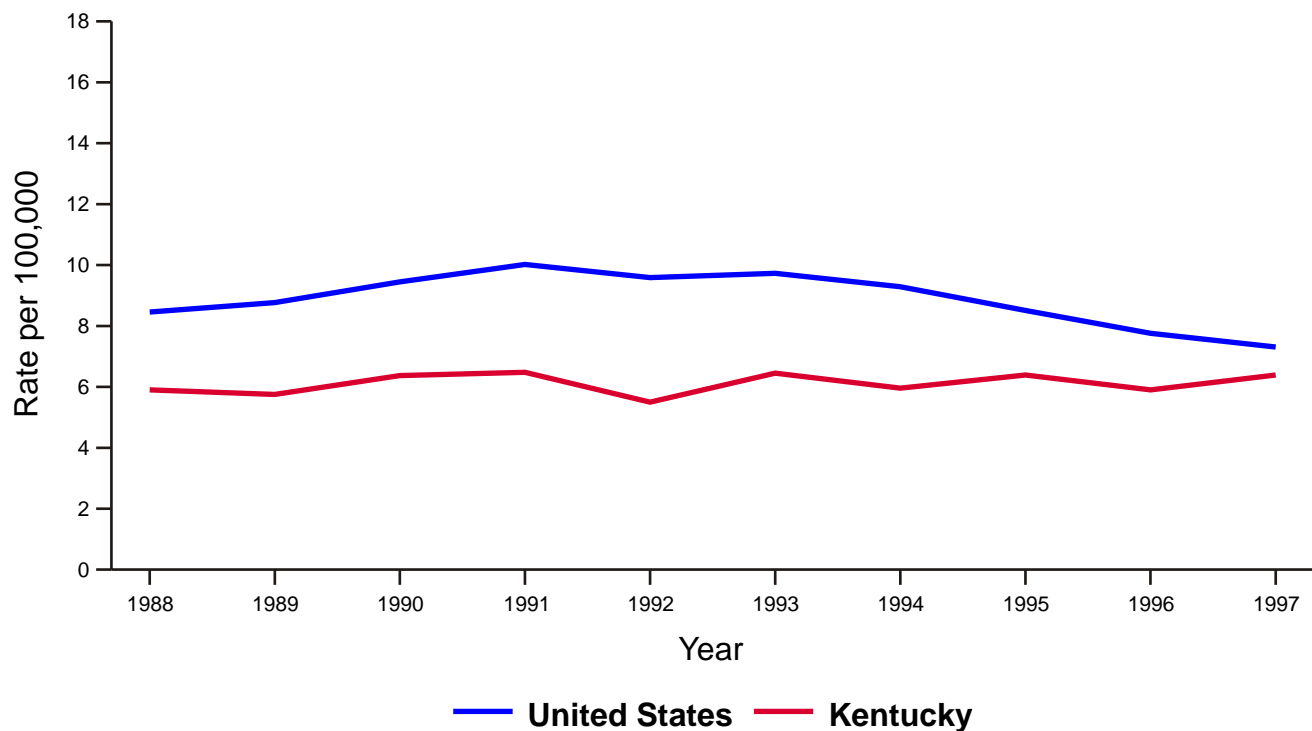
United States and Kentucky 1988-1997



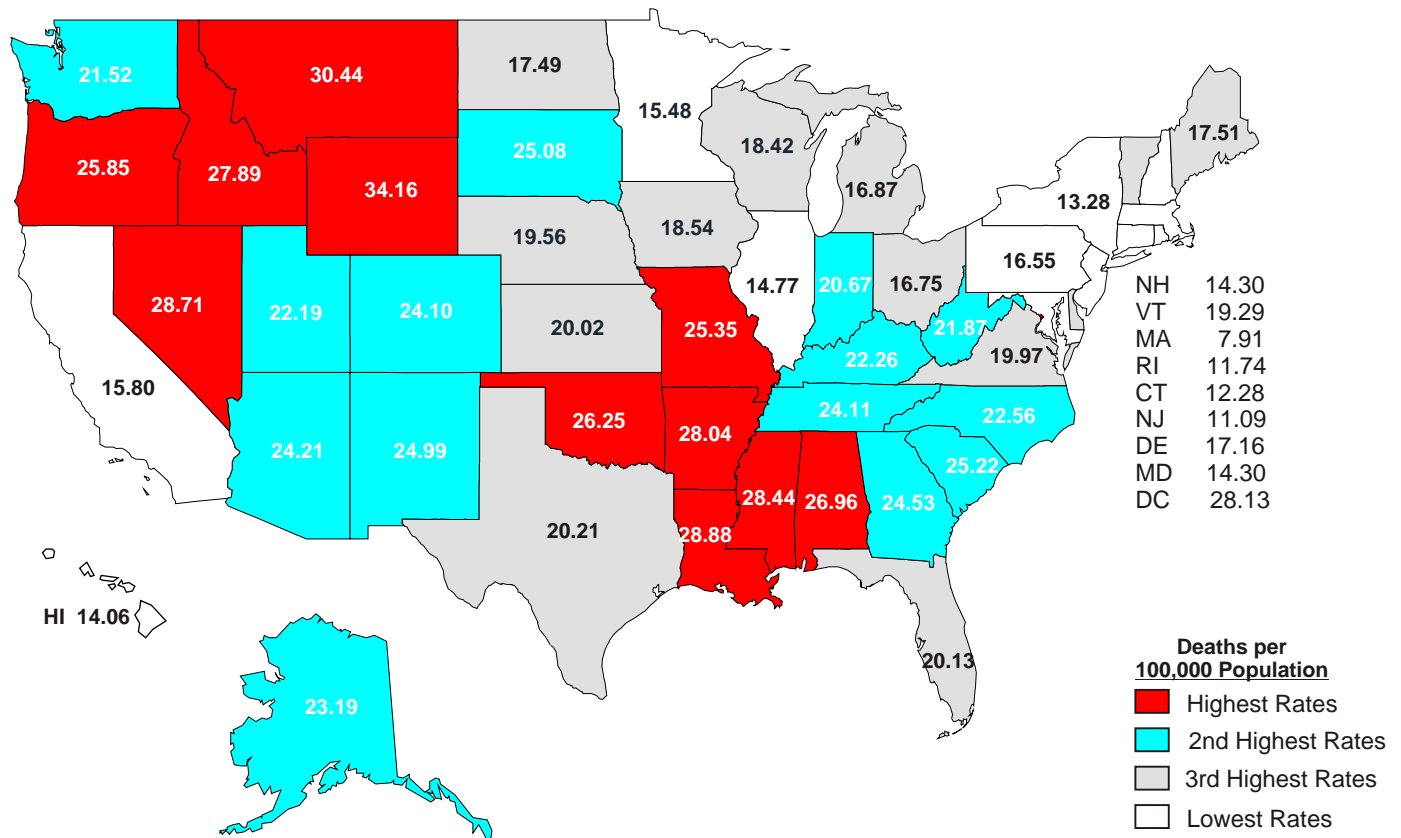
Homicide Death Rates United States, 1995-1997



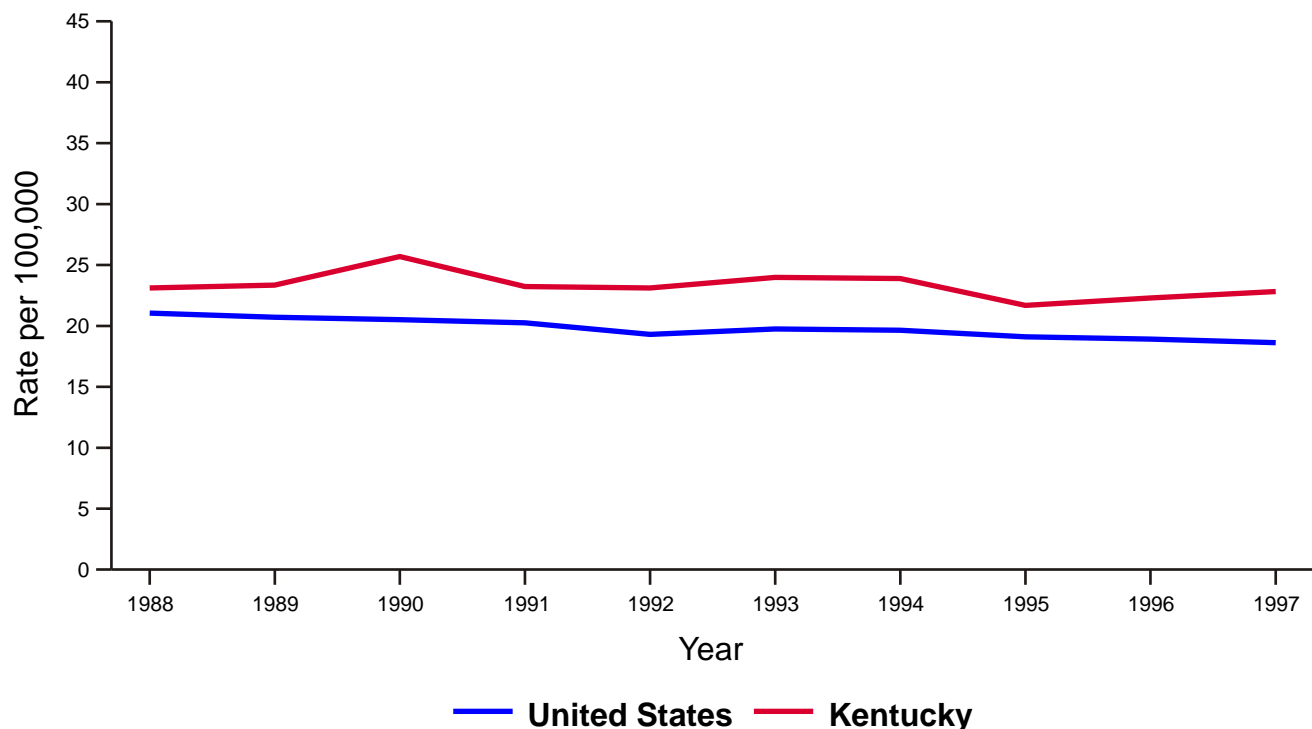
United States and Kentucky 1988-1997



Traumatic Brain Injury-Related Death Rates* United States, 1995-1997

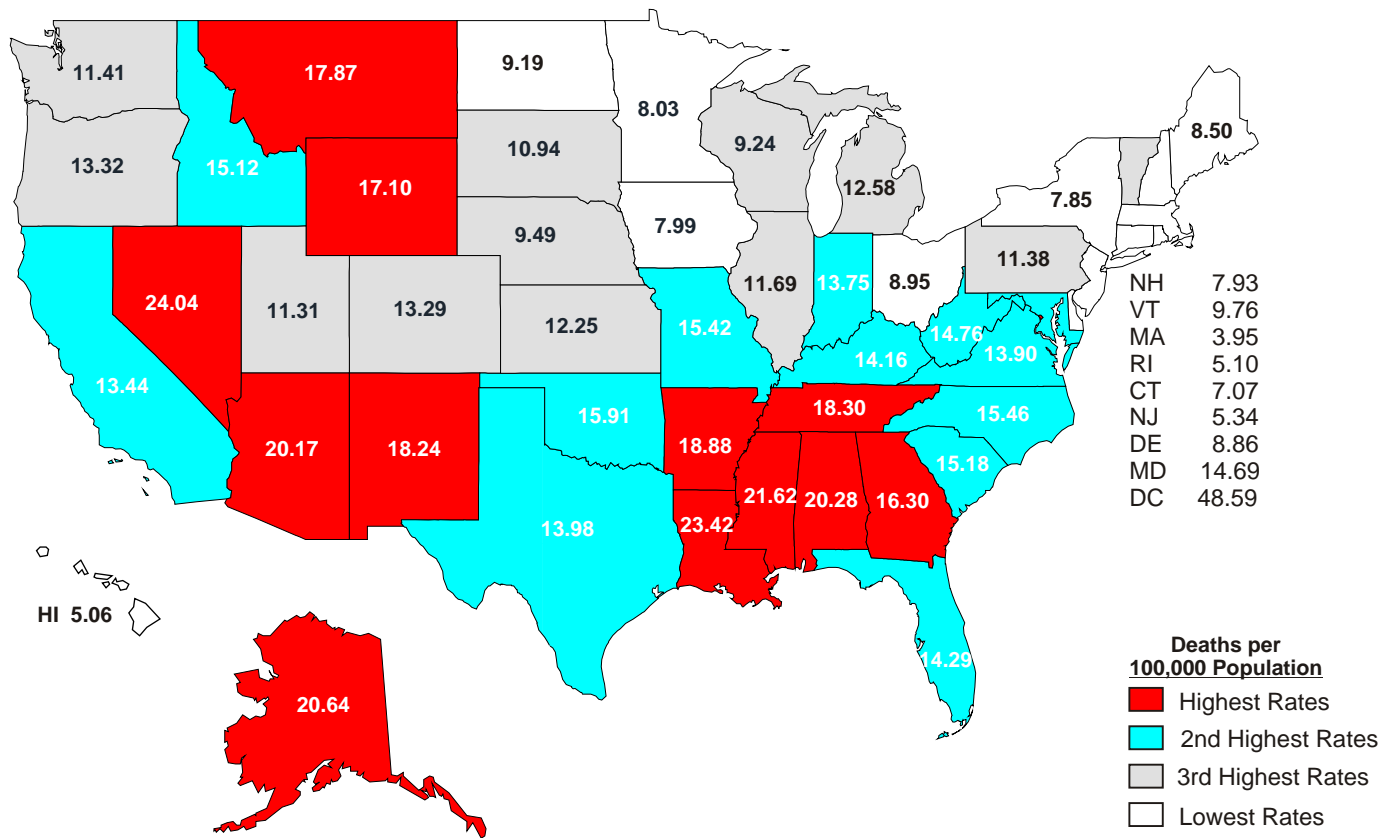


United States and Kentucky 1988-1997

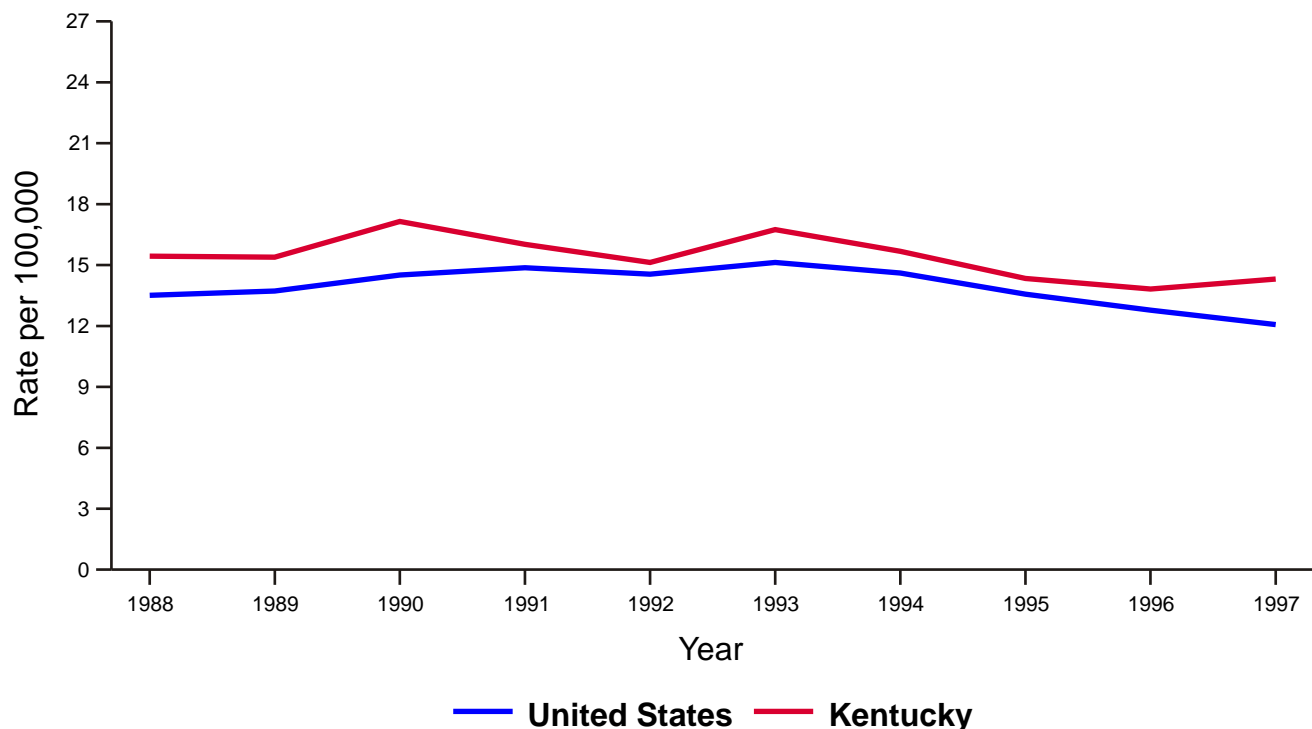


* Includes unintentional and intentional deaths from motor vehicles, firearms, falls, and other causes (of determined and undetermined intent).

Firearm-Related Death Rates* United States, 1995-1997



United States and Kentucky 1988-1997



* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

KENTUCKY INJURY CONTROL PROJECTS

Cooperative Agreements

The National Center for Injury Prevention and Control (NCIPC) currently funds the following work through two cooperative agreements in Kentucky:

- Prevention of Fire-Related Injuries: a project to prevent residential fire-related injuries and deaths by increasing the prevalence of residences with adequate smoke alarm protection and providing educational fire injury prevention programs in selected communities. A promotional and educational campaign will be conducted to inform area residents about the availability of smoke alarms and to encourage them to check and maintain their existing smoke alarms. Educational programs will be conducted to teach members of the community, especially young children and the elderly, how to properly react if a smoke alarm sounds. Basic fire safety education will also be included in the program.
(Kentucky Department of Public Health)
- Surveillance of Intimate Partner Violence: a project to develop an ongoing intimate partner violence (IPV) surveillance system for all reported IPV injuries in the state. The project will begin a series of scientific self-report surveys that will be used to estimate the prevalence of IPV, identify risk factors and help evaluate the surveillance system. This will result in never-before-available data sets to help focus legislative policy, provide programmatic direction for several agencies, and develop prevention interventions.
(Kentucky Department of Public Health)

Research Grants

At present, there are no extramural research projects in Kentucky funded by the NCIPC.